

# Wright - Patterson Air Force Base Human Performance Wing

June 27, 2007

## Wright-Patterson Air Force Base Human Performance Wing Industry Forum



*US Army Corps of Engineers,  
Louisville District*



*88<sup>th</sup> Air Base Wing*



*Air Force Materiel Command*



# Project Manager



*US Army Corps of Engineers,  
Louisville District*



*88<sup>th</sup> Air Base Wing*



*Air Force Materiel Command*



# Agenda

- 8:00 Check-In
- 9:00 Administrative Announcements
- 9:05 Opening Remarks
- 9:15 Project Specific Overview
- 9:35 Two-Phase Procurement Process
- 9:50 Construction Contract Administration
- 10:05 Small Business Requirements – Subcontracting
- 10:20 Open Forum (Questions)
- 11:00 Networking / Discussions
- 11:30 Session Ends







# Administrative Announcements

Chief, Air Force Support Section, PPPMD



*US Army Corps of Engineers,  
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## Administrative Announcements

- Please turn off all cell phones and pagers
- No recording
- Color coding of badges
- Emergency information
- Use microphones
- Distribution of list of attendees
- Posting of briefing

[www.lrl.usace.army.mil](http://www.lrl.usace.army.mil)





# Opening Remarks

## Executive Liaison Officer



*US Army Corps of Engineers,  
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# Opening Remarks

- Welcome to Louisville



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## General Project Information

- Purpose of Industry Forum
- Project does NOT follow typical MILCON Transformation
- Project Scope



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# Project Schedule Milestones

- Industry Forum.....• June 27, 2007
- Fed Biz Op Ad.....• Aug 28, 2007
- Issue Phase I of the Solicitation.....• Sep 12, 2007
- Phase I proposals due.....• Oct 12, 2007
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- Phase II proposals due.....• Feb 7, 2008
- Award D/B Contract.....• Mar 18, 2008
- Contract Completion.....• NTP + 933 days





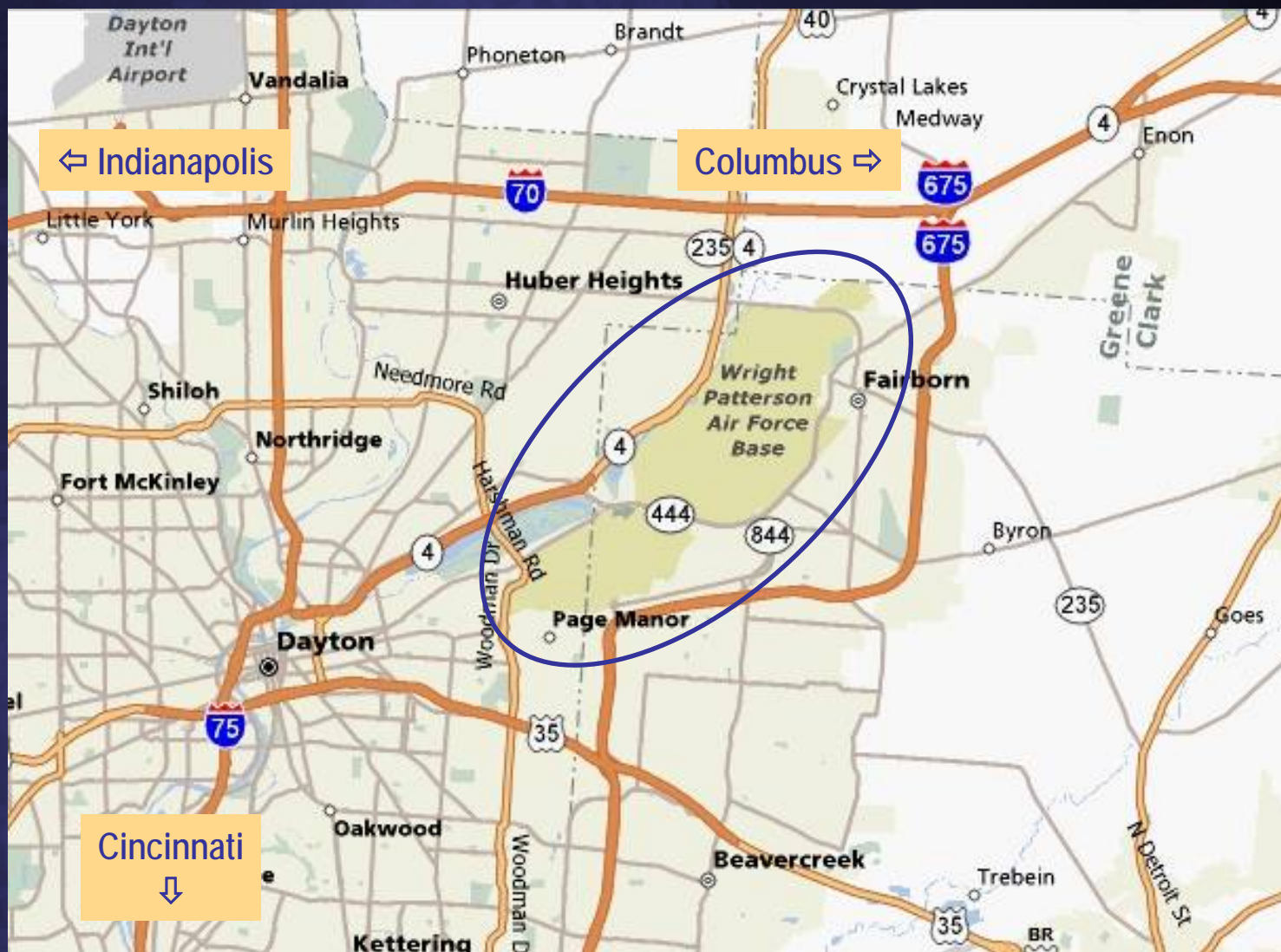
# Project Cost

**Contract Cost Limit**  
**\$215,000,000**

Contract Award  $\leq$  \$215,000,000



# Vicinity Map



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*Planning is still in the concept phase. Be aware that what is contained in the following 'Specific Project Overview' portion of the presentation may change when the RFP is issued. Read the RFP carefully.*

## Specific Project Overview presented by:

**KZFBWSC** a joint venture

Wright-Patterson Air Force Base  
Human Performance Wing  
Industry Forum



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# Human Performance Wing

2007-6-27



- **WHAT IS THE HPW?**
- **WORK IN PROGRESS**

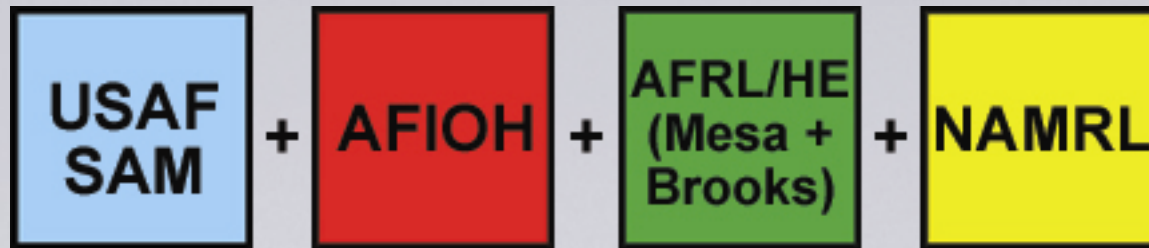




- **BRAC initiative to consolidate Air Force & Navy education, research, training and clinical services**
- **4 Organizations in 3 locations moving to Wright-Patterson AFB**
- **Creates the new Human Performance Wing (HPW)**



- Organizations:



**What do They do?** “Enhance & Sustain Human Performance for Dominant Air, Space & Sea Power”

**U.S. Air Force:**

- USAFSAM aerospace education, training & consultation
- AFIOH Promote health and protect air force warriors by enhancing readiness and effectiveness
- AFRL/HE R&D, Science & Training of Airmen

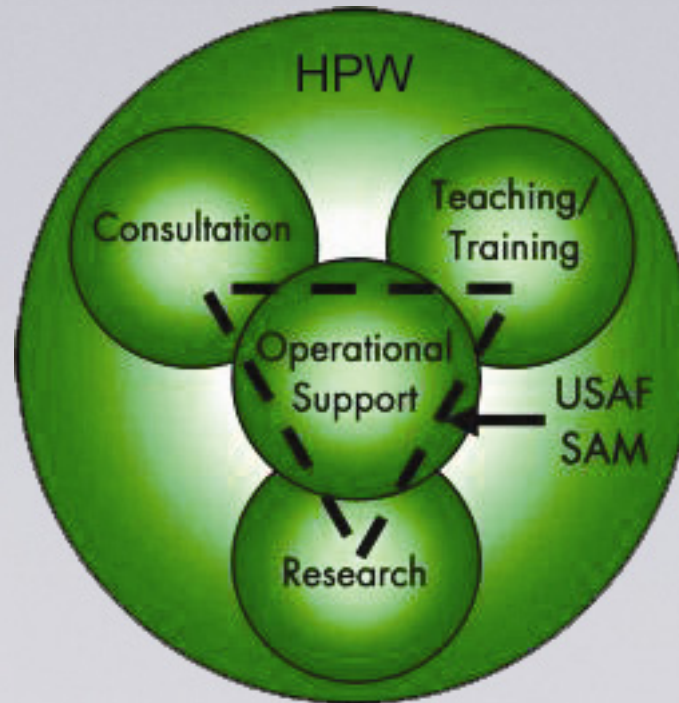
**U.S. Navy:**

- NAMRL R&D, testing, evaluation in aerospace medicine & biomedical sciences

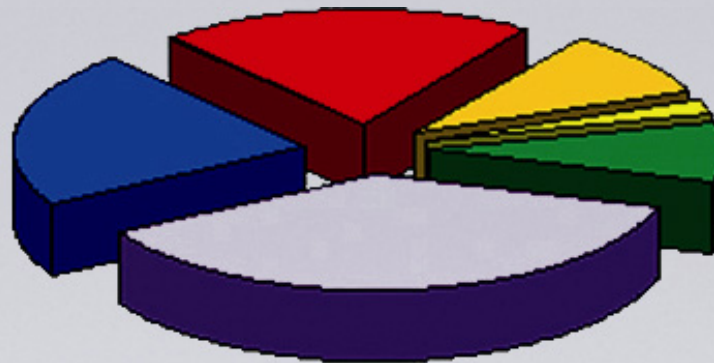




- Synergy:



## Space by Type 700,000 GSF



■ High Bay ■ Lab ■ Teaching ■ Consultative ■ Special Construction ■ Admin



## Projects Underway

- **Infrastructure Design/Build RFP (FY 2007)**
  - Upgrade of Utilities & Roadways – Upper Hill Area B
  - Project Area = 120 Acres
  - Construction (D/B) Solicitation – June 2007
- **HPW Building Design/Build RFP (FY 2008)**
  - Two Buildings
  - Site Development
  - Extension of Infrastructure RFP Utilities to Buildings
  - Project Area = 60 Acres & 700,000 g.s.f.





## The Buildings

- **North Building:**
  - 230,000 GSF
  - 3-Stories
  - AFRL, USAFSAM, NAMRL
  - High Bay, Industrial Use, Special Construction, Dry Labs
- **South Building:**
  - 470,000 GSF
  - 4-Stories
  - AFRL, USAFSAM, AFIOH
  - School, Administration, Consultation, Dry & Wet Labs
- **Other:**
  - Vivarium
  - Insectory
  - Remote Training













AFRL HE



From 5<sup>th</sup> + Q Looking South





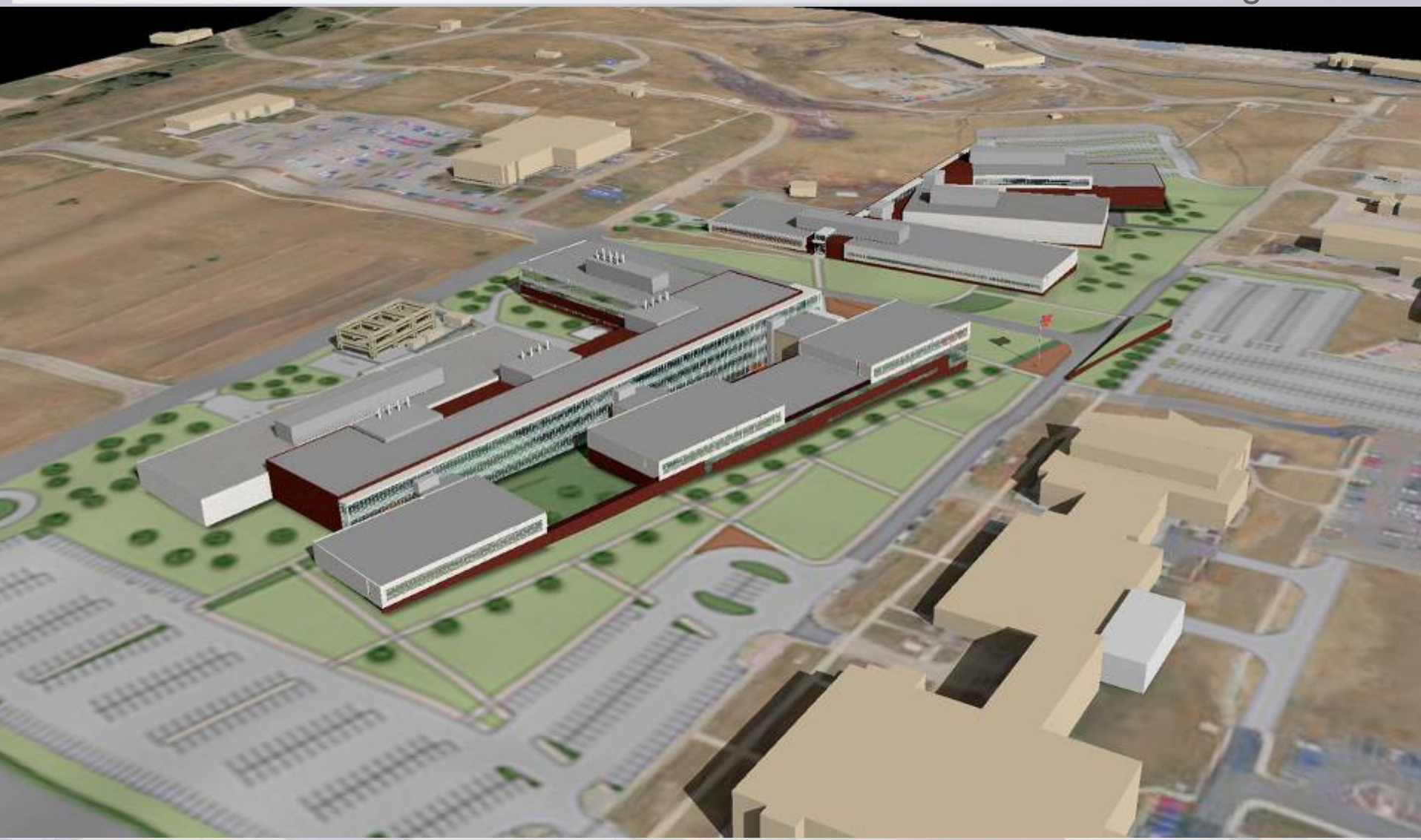






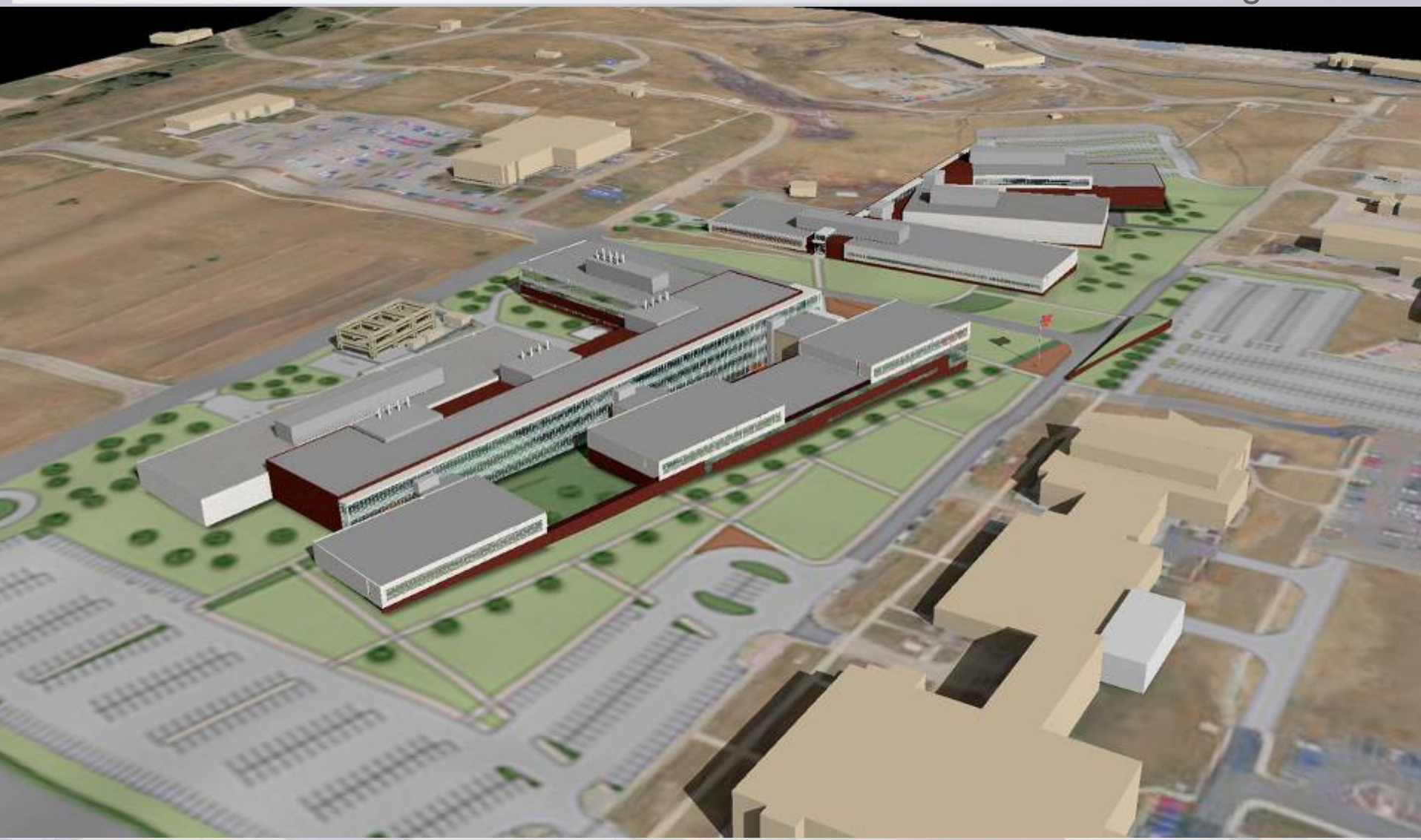


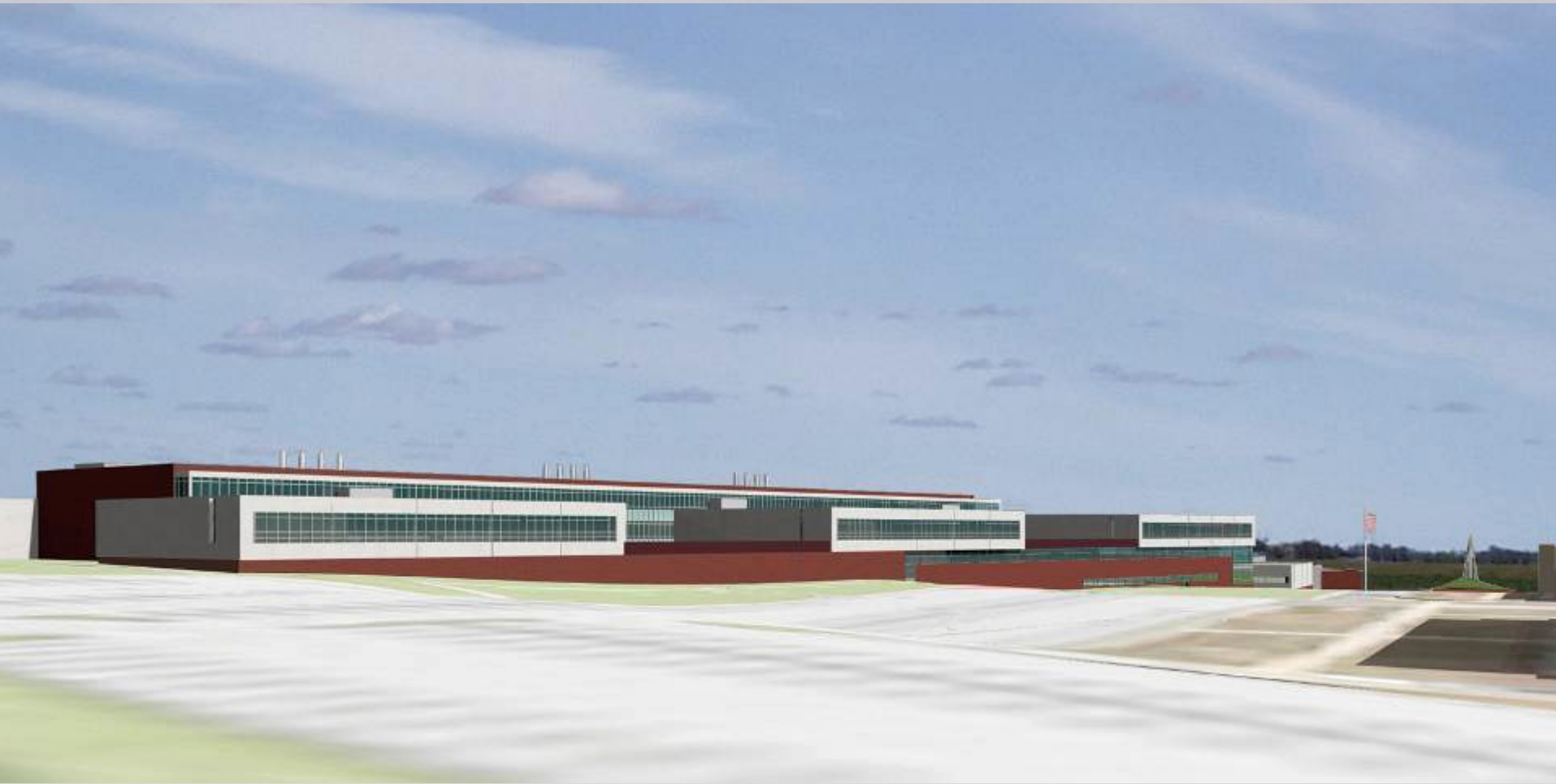






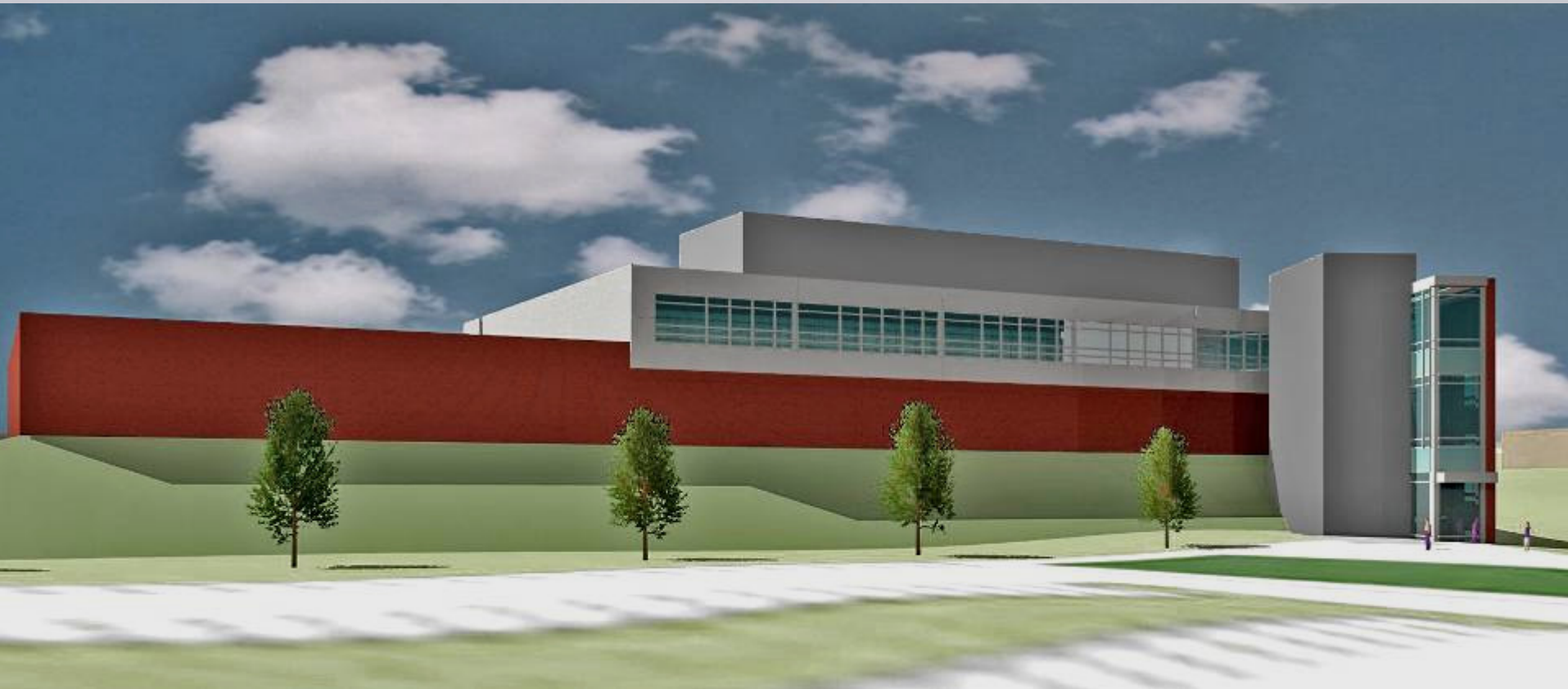




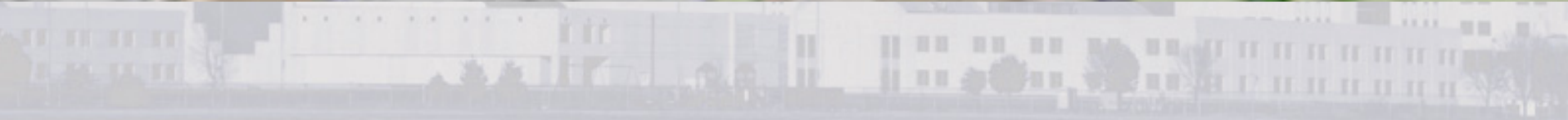


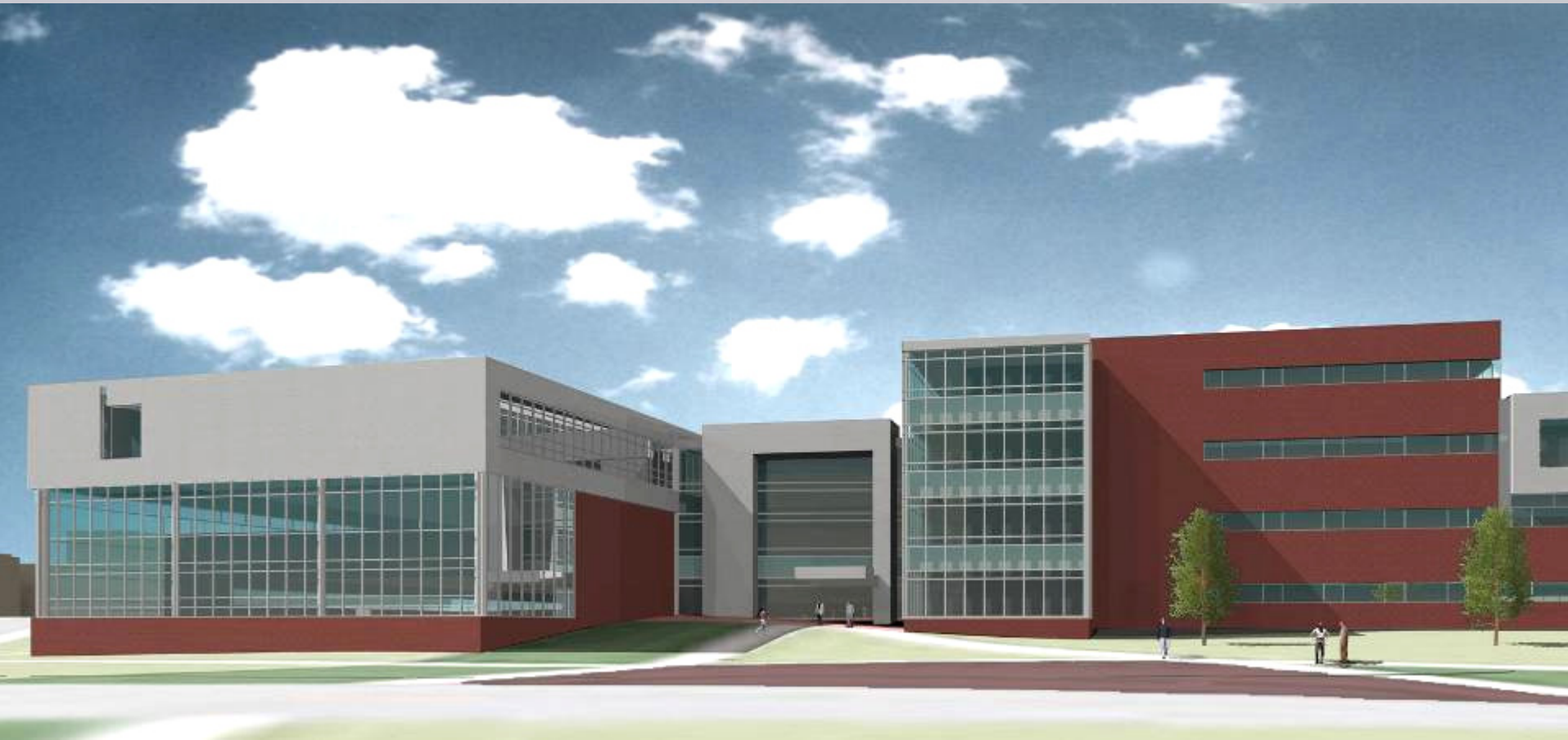


















# Two-Phase Procurement Process

## Wright-Patterson Air Force Base Human Performance Wing Industry Forum



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# Two-Phase Procurement Process

Tom Dickert  
Contract Specialist  
502-315-6177



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## How to get to the Solicitation

- FedBizOpps - [www.fbo.gov](http://www.fbo.gov)
- This project is W912QR-07-R-\*\*\*\*
  - Synopsis and Modifications
  - View interested vendors list
  - Register as an interested vendor
  - Register to receive notification
- Download Technical Data Package
  - Need to be registered in CCR
  - Need to be registered in FedTeDS



## The Procurement Process

- This is a two-phase design/build request for proposal (D/B RFP).
- Phase I Section 00116
- Phase II Section 00118
- Award a firm fixed price contract to one contractor to be responsible for the design and construction of this project.





## Phase I Proposal Requirements

- Proposals for Phase I are tentatively due by 4 PM local time (EDT) on October 12, 2007
- Phase I proposals do not include price proposals.
- Phase I proposals include:
  - Volume I Qualifications and Technical Information
  - Volume II Pro Forma Information



# Phase I Proposal Requirements

## Volume I - Qualifications and Technical Information

- **Specialized Experience**
  - Prime Contractor
  - Design Firm
- **Past Performance**
  - Prime Contractor
  - Design Firm
  - Utilization of Small Business
- **Technical Approach Narrative**





# Phase I Proposal Requirements

## Volume II- Pro Forma Information

- **Evidence of ability to obtain bonding**
- **Proof of financial ability**
- **Representations and certifications  
(Section 00600)**



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## Phase I Evaluation

- Factors will be rated in the identified order of importance.
- Using adjectival ratings: excellent, good, satisfactory, marginal, and unsatisfactory.
- Using 'Go / No Go' ratings.
- An overall rating will assigned.
- Up to 5 of the most highly qualified offerors will be invited to propose in Phase II.





## Phase II Information

- Information concerning the up to 5 successful Phase I offerors will be posted to the FedBizOpps website at: [www.fbo.gov](http://www.fbo.gov).
- Phase II RFP technical information will be posted on the FedTeDS website at: [www.FedTeDS.gov](http://www.FedTeDS.gov).
- Phase II proposals tentatively due February 7, 2008.



## Phase II Proposal Requirements

- **Volume I Design Technical and Management Capability**
  - Section 1 Technical Proposal Information
  - Section 2 Management (Plan and Schedule)
  - Section 3 Individual Personnel Experience
  - Section 4 Subcontracting Narrative
- **Volume II Price and Pro Forma**
  - SF 1442 and Price
  - Subcontracting Plan for Large Business





## Phase II Evaluation

- Phase I ratings will not be carried over.
- Factors will be rated in the identified order of importance.
- Using adjectival ratings: excellent, good, satisfactory, marginal, and unsatisfactory.
- Using 'Go/ No Go' ratings.
- An overall rating will be assigned.



# Cost Technical Trade-Off Analysis

**The solicitation will include a ceiling award amount.**

- Using the technical evaluation ratings for Phase II and the proposed prices.
- Award to the offeror that offers the best value to the Government considering their proposed price and technical proposal rating.







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# Construction Contract Administration

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# Construction Contract Administration

Chief, Construction Division



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# Construction Contract Administration

- Design-Build Construction
- Opportunity for Innovation
- Fast Track Design
- Design Reviews: turn around in two weeks or less
- Government approved shop drawing requirements are minimized
- Must have Designer of Record (DOR) approval





## Construction Contract Administration

- Majority of submittals are approved by the Contractor's QC staff and DOR
- Standard cut sheets or brochures – for information only (FIO)
- Materials and equipment should be identified in the original proposal
- Requests For Information (RFIs) are answered by the DOR
- Standards and tolerances established by industry/commercial standards



## Construction Contract Administration

- Progress payments will be made within 2 weeks
- Interim payments can be made upon request if project is within 2% of schedule
- Materials payments can be made
- Government is committed to Partnering process at all levels
- Government seeks to develop a high performing/profitable long lasting relationship





# Construction Contract Administration

- On-site Resident Office co-located with contractor
- On-site scheduler
- On-site RFP AE representative
- 'Win-Win' outcome for all stakeholders
- Must meet or beat contract time





# Construction Contract Administration

Safety  
is  
Priority #1!



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# Construction Contract Administration

Satisfy  
the  
"CUSTOMER"



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# Construction Contract Administration

Chief, Construction Division



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# Small Business Requirements Subcontracting

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# Small Business Requirements Subcontracting

**Robert Coffey**

US Small Business Administration  
Business Development Specialist

502-582-5971 x266



US Army Corps of Engineers,  
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## Why a Subcontracting Plan?

- Mandated by the Federal Acquisition Regulations - FAR 19.702(a)(1)
  - Over \$550k or \$1 mil in construction
  - Offeror shall submit an acceptable plan in order to receive award
  - Failure to comply in good faith is in material breach of the contract and subject to liquidated damages.



# Subcontracting Plan Requirements

- Eleven Elements in a Plan (FAR 19.704)
  - 1. Separate Percentage Goals for each Small Business Category
  - 2. Statement of TOTAL Dollars Planned to be Subcontracted to Large & SB
  - 3. Description of Principal Types of Supplies/Services to be subcontracted along w/types planned for SB
  - 9. All LB Subcontractors w/subcontracts over \$550k or \$1 mil in construction must adopt a Sub Plan that complies with FAR 52.219-9







# Small Business Requirements Subcontracting

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US Small Business Administration  
Business Development Specialist

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# Open Forum (Questions?)



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